

**DUFT, GRAZIANO & FOREST, P.C.**

1790 - 30TH STREET, SUITE 140

BOULDER, CO 80301-1018

(303) 449-9497

FACSIMILE (303) 449-0814

Q3 DQ #8

~~0120~~  
7-17-98

James M. Graziano  
Carl A. Forest  
Mark A. Guetlich  
Dan Cleveland, Jr.

William P. Wilbar  
Michael J. Setter  
Thomas Swenson  
Robert M. Meeks

Of Counsel

Donald M. Duft, P.C.

June 26, 1998



'98 JUL 14 P458

Mr. Jeffrey Caplan  
Refund Department  
U.S. Patent and Trademark Office  
Box 17  
Washington, DC 20231

Re: Deposit Account Charges Discrepancies  
Duft, Graziano & Forest, P.C. Account No. 041697

Dear Mr. Caplan:

Attached to this letter please find a copy of the Monthly Statement of Deposit Account for Duft, Graziano & Forest, P.C. dated March 31, 1998. We request credit for the following Control Nos.

<u>Monthly Statement Date</u>	<u>\$Charge</u>	<u>Description</u>	<u>Fee Code</u>	<u>DG&amp;F Ref #</u>	<u>DG&amp;F Check #</u>
3/31/98	Control #15	\$395.00	09/024,278	101	6099/008
					4946

We request credit for \$395.00. We have enclosed a copy of canceled Check #4946 in the amount of \$395.00, copy of Patent application transmittal letter completed for small entity, and our most recently submitted, July 8, 1998, signed Verified Statement Claiming Small Entity Status.

<u>Monthly Statement Date</u>	<u>\$Charge</u>	<u>Description</u>	<u>Fee Code</u>	<u>DG&amp;F Ref #</u>	<u>DG&amp;F Check</u>
3/31/98	Control #581	\$40.00	09/038,085	581	5029/003
					4992

We request credit for \$30.00. We have enclosed a copy of canceled Check #4992 in the amount of \$942.00, copy of Patent application transmittal letter completed for small entity with \$40.00 assignment recordation fee included in the total. The rate fee should be \$395.00; therefore we have only requested a \$30.00 credit.

*Completed*

Duft, Graziano & Forest, P.C.

July 9, 1998

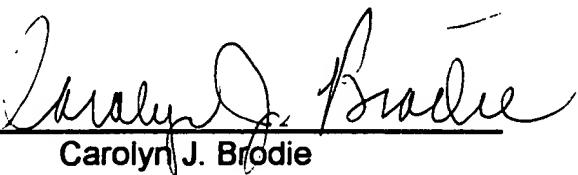
Page 2

We request total credit to our Account No. 041697 for the March 31, 1998, Statement in the amount of \$425.00.

Your prompt attention to this request will be greatly appreciated. Should you have any questions, please feel free to contact me at 303-449-9497 extension 25.

Sincerely,

By \_\_\_\_\_



Carolyn J. Brodie

Cjb

Enclosures

Copy of 3/31/98 Statement of Account for #041697

Serial No.: 09/024,278 DG&F Docket No. 6099/008:

Copy of canceled Check No. 4946 in the amount of \$395.00

Copy of Patent application transmittal letter

Copy of signed Verified Statement Claiming Small Entity Status submitted 7/8/98

Serial No.: 09/038,085 DG&F Docket No. 5029/003:

Copy of canceled Check No. 4992 in the amount of \$942.00

Copy of Patent Application Transmittal Letter

RECEIVED

APR 17 1998

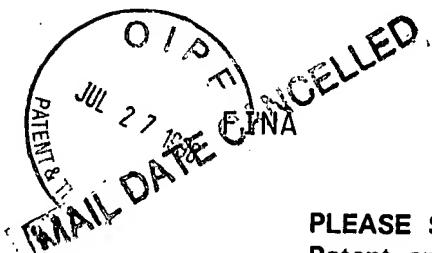
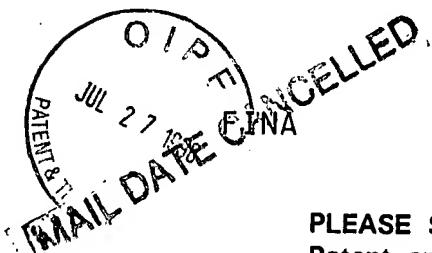
DUFT GRAZIANO &  
FOREST, P.C.MONTHLY STATEMENT  
OF DEPOSIT ACCOUNTUNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark OfficeAddress: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

To replenish your Deposit Account, detach and return top portion with your check. Make check payable to Commissioner of Patents & Trademarks.

DUFT GRAZIANO & FOREST P.C.  
JIM GRAZIBNO  
1790 30TH STREET SUITE 140

BOULDER CO 80301

Account No.
041697
Date
3-31-98
Page
1



PLEASE SEND REMITTANCES TO:  
Patent and Trademark Office  
P.O. Box 70541  
Chicago, Ill. 60673

DATE POSTED			CONTROL NO.	DESCRIPTION (Serial, Patent, TM, Order)	DOCKET NO.	FEE CODE	CHARGES/ CREDITS	BALANCE
MO.	DAY	YR.						
3	3	98	13	08865853	5010/048	102	82.00	4468.00
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3	20	98	76	09038085	5029/003	581	40.00	4138.00
3	20	98	97	09043236		704	-465.00	4603.00
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555 Edwards Crawley - 956

COPY

United States Department of Commerce  
(Commissioner of Patents and Trademarks)

DEPOSIT ACCOUNT 02-2865  
Statement of Account dated June 30, 1998

<u>Account Description</u>	<u>Amount \$</u>	<u>Location</u>
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" " " " "	1,070.00	2700.00 PDØ1967
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" " " " "	6,240.00	PDØ1914
" " " " "	5,770.00	PDØ1916
" " " " "	1,154.00	PDØ1919
" " " " "	790.00	15,984.00 PDØ1940
" " " " "	45.00	45.00 PDØ1886
50 0127 0061 000 000 (*)	<u>4,760.00 (*)</u>	4,760.00 NO CODE
		23,489.00
Minus		
50 8010 5707 593 152	(135.00)	PDØ1886
Pay this Amount:	<u>23,354.00</u>	

(\*) Datex Ohmeda-Instrumentarium Charge

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of Michael J. Thwaites

Serial No.: 09/964,087

Art Unit: 1109

Filed: 11/4/97

Examiner: Not Assigned

For: Sputtering Processes and Apparatus

Docket No.: 96B157

Commissioner of Patents and Trademarks

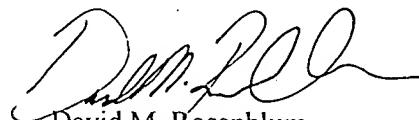
Washington, D.C. 20231

ATTENTION: Manager, Applications Branch

RESPONSE TO NOTICE TO FILE MISSING PARTS

In response to the Notice to File Missing Parts of Application mailed 3/23/98 (copy enclosed), Applicant submits the enclosed Declaration executed by him on May 11th, 1998.. The Commissioner is hereby authorized to charge to Deposit Account 02-2865, the \$130.00 fee required under 37 CFR 1.16(e). The Commissioner is requested to grant any necessary extension of time and is authorized by this response to charge any additional fees, if required, to our Deposit Account No. 02-2865. This request is submitted in triplicate. *EHV-CRAWLEY*

Respectfully submitted,



David M. Rosenblum  
Registration No. 29,341  
Attorney for Applicant(s)

Dated: 6/15/98

The BOC Group, Inc.  
100 Mountain Avenue  
Murray Hill  
New Providence, NJ 07974  
Tel. (908) 771-6167

CERTIFICATE OF MAILING (37 CFR 1.8(a))

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231

Date: 6-17-98

Carole Balbach

(Type or print name of person mailing paper)



(Signature of person mailing paper)

RECORDATION FORM COVER SHEET  
PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Michael J. Thwaites

Additional name(s) of conveying party(ies) attached?  Yes  
 No

## 2. Name and address of receiving party(ies):

Name: The BOC Group plc

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

Chertsey Road, Windlesham  
Surrey GU20 6HJ England

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) & address(es) attached?  Yes  No

## 3. Nature of conveyance:

Assignment       Merger  
 Security Agreement       Change of Name  
 Other \_\_\_\_\_

Execution Date: May 11th 1998

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

## A. Patent Application No.(s)

USSN 08/964,087 filed 11/4/97 Docket No. 96B157

## B. Patent No.(s)

Additional numbers attached?  Yes  No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David M. Rosenblum

Internal Address: \_\_\_\_\_

Patent, Trademark &amp; Licensing Department

Street Address: \_\_\_\_\_

100 Mountain Avenue

Murray Hill

City: New Providence State: NJ ZIP: 07974

## 6. Total number of applications and patents involved: 1

EHV CRAWLEY

7. Total fee (37 CFR 3.41): ..... \$ 40.00

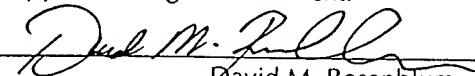
 Enclosed Authorized to be charged to deposit account

8. Deposit account number: 02-2865

DO NOT USE THIS SPACE

## 9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

  
\_\_\_\_\_  
David M. Rosenblum  
Registration No. 29,341

6/15/98

Date

Total number of pages comprising cover sheet: 1

**COPY**

United States Department of Commerce  
 (Commissioner of Patents and Trademarks)

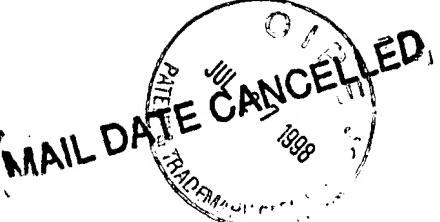
DEPOSIT ACCOUNT 02-2865  
Statement of Account dated June 30, 1998

<u>Account Description</u>	<u>Amount \$</u>	<u>Location</u>
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" " " " "	45.00	45.00 PDØ1886
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(\*) Datex Ohmeda-Instrumentarium Charge

Dep + Ref  
Rm 811 OA

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231



August 7, 1998

MEMORANDUM FOR: One Stop Team, 03D0

From: Frank Lebron  
Project Manager  
Refund Division

Subject: FORWARDING REFUND LETTERS

The Refund Section is forwarding refund request letter(s) for your immediate review. Referring to RAM, it was determined that these applications are located in your area as of 8/7/98 If you have any questions, please contact the *Refund Department* in the Office of Finance at 305-4229.

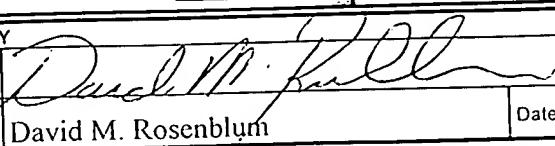
Thank you.

Case Number  
09/024278 - 03D0



<b>FEE TRANSMITTAL</b>		Complete if Known			
		Application Number	May. 29, 1998		
		Filing Date	Paul Higginbotham		
		First Named Inventor			
		Group Art Unit			
		Examiner Name			
		Attorney Docket Number	97B124		
TOTAL AMOUNT OF PAYMENT (\$)		790			

<b>METHOD OF PAYMENT</b> (check one)		<b>FEE CALCULATION (continued)</b>																																																																																																																																																																																																			
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:  Deposit Account Number <b>02-2865</b>  Deposit Account Name <b>The BOC Group, Inc. - Patent Department</b>  <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance		<b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th colspan="3">Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td>0</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td>0</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td>0</td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td>0</td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td>0</td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td>0</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td>0</td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td>0</td></tr> <tr><td>117</td><td>950</td><td>217</td><td>475</td><td>Extension for reply within third month</td><td>0</td></tr> <tr><td>118</td><td>1,510</td><td>218</td><td>755</td><td>Extension for reply within fourth month</td><td>0</td></tr> <tr><td>128</td><td>2,060</td><td>228</td><td>1,030</td><td>Extension for reply within fifth month</td><td>0</td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td>0</td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td>0</td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td>0</td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td>0</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td>0</td></tr> <tr><td>141</td><td>1,320</td><td>241</td><td>660</td><td>Petition to revive - unintentional</td><td>0</td></tr> <tr><td>142</td><td>1,320</td><td>242</td><td>660</td><td>Utility issue fee (or reissue)</td><td>0</td></tr> <tr><td>143</td><td>450</td><td>243</td><td>225</td><td>Design issue fee</td><td>0</td></tr> <tr><td>144</td><td>670</td><td>244</td><td>335</td><td>Plant issue fee</td><td>0</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td>0</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td>0</td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td>0</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>0</td></tr> <tr><td>146</td><td>790</td><td>246</td><td>395</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td>0</td></tr> <tr><td>149</td><td>790</td><td>249</td><td>395</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td>0</td></tr> <tr> <td colspan="4">Other fee (specify) _____</td> <td colspan="2">0</td> </tr> <tr> <td colspan="4">Other fee (specify) _____</td> <td colspan="2">0</td> </tr> <tr> <td colspan="2">SUBTOTAL (2) (\$)</td> <td colspan="4">SUBTOTAL(3) (\$)</td> </tr> <tr> <td colspan="2">0</td> <td colspan="4">0</td> </tr> <tr> <td colspan="2">* Reduced by Basic Filing Fee Paid</td> <td colspan="4"></td> </tr> </tbody> </table>				Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description			Fee Paid	105	130	205	65	Surcharge - late filing fee or oath	0	127	50	227	25	Surcharge - late provisional filing fee or cover sheet	0	139	130	139	130	Non-English specification	0	147	2,520	147	2,520	For filing a request for reexamination	0	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	0	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	0	115	110	215	55	Extension for reply within first month	0	116	400	216	200	Extension for reply within second month	0	117	950	217	475	Extension for reply within third month	0	118	1,510	218	755	Extension for reply within fourth month	0	128	2,060	228	1,030	Extension for reply within fifth month	0	119	310	219	155	Notice of Appeal	0	120	310	220	155	Filing a brief in support of an appeal	0	121	270	221	135	Request for oral hearing	0	138	1,510	138	1,510	Petition to institute a public use proceeding	0	140	110	240	55	Petition to revive - unavoidable	0	141	1,320	241	660	Petition to revive - unintentional	0	142	1,320	242	660	Utility issue fee (or reissue)	0	143	450	243	225	Design issue fee	0	144	670	244	335	Plant issue fee	0	122	130	122	130	Petitions to the Commissioner	0	123	50	123	50	Petitions related to provisional applications	0	126	240	126	240	Submission of Information Disclosure Stmt	0	581	40	581	40	Recording each patent assignment per property (times number of properties)	0	146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	0	149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	0	Other fee (specify) _____				0		Other fee (specify) _____				0		SUBTOTAL (2) (\$)		SUBTOTAL(3) (\$)				0		0				* Reduced by Basic Filing Fee Paid					
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SUBMITTED BY		Complete (if applicable)		
Typed or Printed Name				Reg. Number <b>29341</b>
Signature	Date <b>5/29</b>			Deposit Account User ID <b>02-2865</b>

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Higginbotham, Paul; Oakey, John D.  
Serial No.: 08/932,456 Group No.: 3744  
Filed: September 18, 1997 Examiner: Capossela, R.  
For: Air Separation

Assistant Commissioner for Patents  
Washington, D.C. 20231  
ATTENTION: GROUP DIRECTOR

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT AFTER  
MAILING DATE OF FINAL ACTION OR NOTICE OF ALLOWANCE  
BUT BEFORE PAYMENT OF ISSUE FEE (37 C.F.R. 1.97(d))**

**TIME OF TRANSMITTAL OF ACCOMPANYING  
INFORMATION DISCLOSURE STATEMENT**

1. The information disclosure statement transmitted herewith is being filed *after* a final action under § 1.113, or a notice of allowance under § 1.311, whichever occurs first, but before, or simultaneously with, the payment of the issue fee.

*JK Process Plants*

---

**CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. 1.8(a))**

I hereby certify that, on the date shown below, this correspondence is being:

**MAILING**

deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Date: 6-14-98

**FACSIMILE**

transmitted by facsimile to the Patent and Trademark Office.

Signature

*John B. Clark*  
(type or print name of person certifying)

**STATEMENT, PETITION AND FEE**

2. In accordance with the requirements of 37 C.F.R. 1.97(d):

- A. Accompanying this transmittal is a statement, as specified in 37 C.F.R. 1.97(e).
- B. Applicant hereby petitions for the consideration of the accompanying information disclosure statement. 37 C.F.R. 1.97(d)(2).
- C. Applicant submits the petition fee set forth in § 1.17(i) (\$240.00).

*VK Process Plants*  
**FEE DUE**

3. Petition fee due (§ 1.17(i)): \$240.00

**METHOD OF PAYMENT OF FEE**

4. Charge Account 02-2865 \$240.00. A duplicate of this petition is attached.

If any additional petition fees are due, please charge Account 02-2865.

*David M. Rosenblum*  
\_\_\_\_\_  
**SIGNATURE OF PRACTITIONER**

Reg. No. 29341

David M. Rosenblum

Tel. No.: (908) 771-6167

100 Mountain Avenue

Customer No.: 20411

New Providence, NJ 07974

RECORDATION FORM COVER SHEET  
PATENTS ONLY

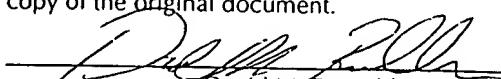
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

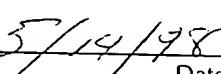
<p>1. Name of conveying party(ies):  Thomas Rathbone  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): Name: <u>The BOC Group plc</u> Internal Address: _____  Street Address: _____ <u>Chertsey Road, Windlesham</u> <u>Surrey GU20 6HJ England</u> City: _____ State: _____ ZIP: _____  Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>May 5, 1998</u></p>	
<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____  A. Patent Application No.(s)  <u>USSN 09/040,235 filed 3/16/98 - Docket No. 97B106</u></p>	<p>B. Patent No.(s)  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>David M. Rosenblum</u> Internal Address: _____ <u>Patent, Trademark &amp; Licensing Department</u> Street Address: _____ <u>100 Mountain Avenue</u> <u>Murray Hill</u> City: <u>New Providence</u> State: <u>NJ</u> ZIP: <u>07974</u></p>	<p>6. Total number of applications and patents involved: <u>1</u>  <i>UK Process Plants</i> <p>7. Total fee (37 CFR 3.41): ..... \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account  8. Deposit account number: <u>02-2865</u></p></p>

DO NOT USE THIS SPACE

## 9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

  
\_\_\_\_\_  
David M. Rosenblum  
Registration No. 29,341

  
\_\_\_\_\_  
Date

Total number of pages comprising cover sheet: 1

# COPY

DATEX INSTRUMENTARIUM

United States Department of Commerce  
(Commissioner of Patents and Trademarks)

DEPOSIT ACCOUNT 02-2865  
Statement of Account dated June 30, 1998

<u>Account Description</u>	<u>Amount \$</u>	<u>Location</u>
50 0454 0555 000 000	1,460.00	PDØ1555
" " " " "	170.00	PDØ1956
" " " " "	1,070.00	2700.00 PDØ1967
50 8010 5707 593 152	2,030.00	PDØ1905
" " " " "	6,240.00	PDØ1914
" " " " "	5,770.00	PDØ1916
" " " " "	1,154.00	PDØ1919
" " " " "	790.00	15,984.00 PDØ1940
" " " " "	45.00	45.00 PDØ1886
50 0127 0061 000 000 (*)	<u>4,760.00 (*)</u>	<u>4,760.00</u> NO CODE
		23,489.00
Minus		
50 8010 5707 593 152	(135.00)	PDØ1886
Pay this Amount:	<u>23,354.00</u>	

(\*) Datex Ohmeda-Instrumentarium Charge

Express Mailing Label Number EH 541 779 054  
Mailed May 26, 1998

Attorney Docket No. 97A420-1

PATENT  
Page 1 of 2

BOX: PATENT APPLICATION  
ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON DC 20231

CONTINUATION-IN-PART APPLICATION TRANSMITTAL

Transmitted herewith for filing is a Continuation-in-Part patent application of:  
S/N 08/857,924, filed May 16, 1997

Inventor(s): Duncan P. L. BATHE and Frederick J. MONTGOMERY

Title: ACCURATE DOSE NITRIC OXIDE PULSE DELIVERY DEVICE WITH MONITORING AND ALARMS

I. Papers Enclosed Which are Required for Filing Date Under 37 CFR 1.53(b):

15	Pages of Specification	2	Pages of Drawings
7	Pages of Claims	<input type="checkbox"/>	Formal
1	Page of Abstract	<input checked="" type="checkbox"/>	Informal

2. Additional Papers Enclosed:

Declaration/Power of Attorney, duly executed  
 Other

3. FEE CALCULATION for Continuation-in-Part Application:

	(Col. 1)	(Col. 2)	Other than a Small Entity	
For:	No. Filed	No. Extra	Rate	Fee
BASIC FEE			790.00	790.00
TOTAL CLAIMS	22 - 20	2	22.00	44.00
INDEPENDENT CLAIMS	5 - 3	2	82.00	164.00
MULT. DEP. CLAIM PRESENTED		0	270.00	0.00
Please charge our Deposit Account No. 02-2865 in the amount of				998.00

DATEx - 04M

EXPRESS MAIL LABEL NO. EH 541 779 068  
Mailed May 26, 1998

Docket No. 98A280

PATENT  
Page 1 of 2

BOX: PATENT APPLICATION  
ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON DC 20231

UTILITY PATENT APPLICATION TRANSMITTAL

Transmitted herewith for filing is a utility patent application of:

Inventors      Duncan P. L. BATHE and Frederick J. MONTGOMERY

Title:            HIGH CONCENTRATION NO PULSE DELIVERY DEVICE

I. Papers Enclosed Which are Required for Filing Date Under 37 CFR 1.53(b):

14	Pages of Specification	4	Pages of Drawings
3	Pages of Claims	<input type="checkbox"/>	Formal
1	Page of Abstract	<input checked="" type="checkbox"/>	Informal

2. Additional Papers Enclosed:

Declaration/Power of Attorney, duly executed  
 Other

3. FEE CALCULATION for Regular Application:

	(Col. 1)	(Col. 2)	Other than a Small Entity	
For:	No. Filed	No. Extra	Rate	Fee
BASIC FEE			790.00	790.00
TOTAL CLAIMS	15 - 20	0	22.00	00.00
INDEPENDENT CLAIMS	2- 3	0	82.00	00.00
MULT. DEP. CLAIM PRESENTED		0	270.00	00.00
Please charge our Deposit Account No. 02-2865 in the amount of				790.00

*DATEX-OHM*

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of  
Homuth et al  
S/N 08/889,911  
Filed: 07/10/97  
For: AUDIBLE WAVEFORMS

Group: 3735  
Examiner: K. Asher

Assistant Commissioner for Patents  
Washington, D.C. 20231

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT BEFORE MAILING  
DATE OF EITHER A FINAL ACTION OR NOTICE OF ALLOWANCE (37 CFR 1.97(c))

TIME OF TRANSMITTAL OF ACCOMPANYING INFORMATION  
DISCLOSURE STATEMENT

1. The information disclosure statement submitted herewith is being filed after three months of the filing date of this national application or the date of entry of the national stage as set forth in § 1.491 in an international application or after the mailing date of the first Office Action on the merits, whichever event occurred last but before the mailing date of either (1) a final action under § 1.113 or (2) a notice of allowance under § 1.311, whichever occurs first.

CERTIFICATION OR FEE

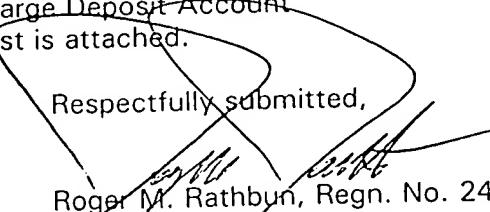
2.  Accompanying this transmittal is a certification as specified in 37 CFR 1.97(e).  
**OR**  
 Applicant elects the option to pay the fee set forth in 37 CFR 1.17(p) for submission of an information disclosure statement under § 1.97(c) (\$240.00).

METHOD OF PAYMENT OF FEE

DATE EX - 04/1

3.  Charge Deposit Account No. 02-2865 in the amount of \$240.00  
If any additional fees are due, please charge Deposit Account  
No. 02-2865. A duplicate of this request is attached.

The BOC Group, Inc.  
100 Mountain Ave.  
Murray Hill  
New Providence, NJ 07974

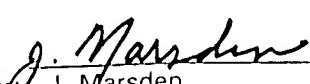
Respectfully submitted,  
  
Roger M. Rathbun, Regn. No. 24,964  
Attorney for Applicants(s)  
Tel: (908) 771-6477

Enclosures

---

CERTIFICATE OF MAILING (37 CFR 1.8)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington DC 20231.

Signature of Person Mailing Paper:   
Print Name of Person Mailing Paper: J. Marsden

Date: June 3, 1998

CLIENTS'S DOCKET NO. 97A225  
ASSOCIATES REF. NO. 41942-00380

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of  
Keilbach et al  
Serial No. 09/040,558  
Filed 03/18/98  
For ON-AIRWAY RESPIRATORY GAS MONITOR  
EMPLOYING TRANSFORMED INFRARED SIGNALS

Group 3735

Box: Missing Parts  
Assistant Commissioner for Patents  
Washington, DC 20231

RESPONSE TO NOTICE TO FILE MISSING PARTS

In response to the *NOTICE TO FILE MISSING PARTS OF APPLICATION* mailed April 22, 1998 (copy enclosed), Applicants submit the enclosed Declaration executed by them on June 2, 1997. The Commissioner is hereby authorized to charge to Deposit Account 02-2865, the \$130.00 fee required under 37 CFR 1.16(e). *DATEX-CAMI*

The Commissioner is requested to grant any necessary extension of time and is authorized by this response to charge any additional fees, if required, to our Deposit Account No. 02-2865. This request is submitted in triplicate.

The BOC Group, Inc.  
Patent, Trademark & Licensing Dept.  
100 Mountain Ave., Murray Hill  
New Providence, New Jersey 07974

Respectfully submitted,  
*JMR* *AM* *MM*  
Roger M. Rathbun  
Regn. No. 24,964  
Attorney for Applicant(s)  
Tel: (908) 771-6477  
Fax: (908) 771-6159

Attachments:  
Original Declaration  
Copy of Form PTO-1533

CERTIFICATE OF MAILING (37 CFR 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington DC 20231.

Signature of Person Mailing Paper: *J. Marsden*  
Print Name of Person Mailing Paper: *J. Marsden*

Date: June 4, 1998

EXPRESS MAIL LABEL NO. EE 295 480 971  
Mailed June 11, 1998

Docket No. 98A259

PATENT  
Page 1 of 2

BOX: PATENT APPLICATION  
ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON DC 20231

UTILITY PATENT APPLICATION TRANSMITTAL

Transmitted herewith for filing is a utility patent application of:

Inventors      John P. Huttenthaler, Trent L. Williams,  
                  Christopher R. Goodrich and Graham B. Lukey,

Title:      DE-ESCALATION OF ALARM PRIORITIES IN MEDICAL DEVICES,

I. Papers Enclosed Which are Required for Filing Date Under 37 CFR 1.53(b):

7 Pages of Specification	3 Pages of Drawings
3 Pages of Claims	<input type="checkbox"/> Formal
1 Page of Abstract	<input checked="" type="checkbox"/> Informal

2. Additional Papers Enclosed:

Declaration/Power of Attorney, duly executed  
 Other

3. FEE CALCULATION for Regular Application:

	(Col. 1)	(Col. 2)	Other than a Small Entity	
For:	No. Filed	No. Extra	Rate	Fee
BASIC FEE			790.00	790.00
TOTAL CLAIMS	10 - 20	0	22.00	00.00
INDEPENDENT CLAIMS	4- 3	1	22.00	82.00
MULT. DEP. CLAIM PRESENTED		0	270.00	00.00
Please charge our Deposit Account No. 02-2865 in the amount of				872.00

DATEX-DHM

RECORDATION FORM COVER SHEET  
**PATENTS ONLY**

Dkt. 95A422

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Ziyi WANG

## 2. Name and address of receiving party(ies):

Name: Ohmeda Inc.

Internal Address: \_\_\_\_\_

Street Address: 110 Allen Road

## 3. Nature of conveyance:

 Assignment Merger Security Agreement Change of Name Other \_\_\_\_\_

Execution Date: June 5, 1998

City: Liberty Corner State: NJ ZIP: 07938

Additional name(s) & address(es) attached?  Yes  No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

## A. Patent Application No.(s)

09/040,670 filed 03/18/98

## B. Patent No.(s)

Additional numbers attached?  Yes  No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Roger M. Rathbun, Patent Counsel

Internal Address: The BOC Group, Inc.

## 6. Total number of applications and patents involved:

DATEX-044

7. Total fee (37 CFR 3.41): ..... \$ 40.00

 Enclosed Authorized to be charged to deposit account

8. Deposit account number: 02-2865

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Roger M. Rathbun, Regn. No. 24,964

Name of Person Signing

Signature

incl.

Date

Total number of pages comprising cover sheet: 2

Dkt. 95A294

RECORDATION FORM COVER SHEET  
**PATENTS ONLY**

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Ziyi WANG

Additional name(s) of conveying party(ies) attached?  Yes  No

## 3. Nature of conveyance:

 Assignment Merger Security Agreement Change of Name Other \_\_\_\_\_

Execution Date: June 9, 1998

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

## A. Patent Application No.(s)

09/040,583 filed 03/18/98

## B. Patent No.(s)

Additional numbers attached?  Yes  No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Roger M. Rathbun, Patent Counsel

Internal Address: The BOC Group, Inc.

Street Address: 100 Mountain Ave., Murray Hill

City: New Providence State: NJ ZIP: 07974

## 6. Total number of applications and patents involved:

DATEX-OHM

7. Total fee (37 CFR 3.41): ..... \$ 40.00

 Enclosed Authorized to be charged to deposit account

8. Deposit account number: 02-2865

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Roger M. Rathbun, Regn. No. 24,964

Name of Person Signing

Signature

incl.

Date

2

Total number of pages comprising cover sheet: 1

CLIENTS'S DOCKET NO. 95A294  
ASSOCIATES REF. NO. 41942-00090

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of  
Ziyi WANG  
Serial No. 09/040,583  
Filed 03/18/98  
For OUTLIER DETECTION IN MONITORING DEVICES

Box: Missing Parts  
Assistant Commissioner for Patents  
Washington, DC 20231

RESPONSE TO NOTICE TO FILE MISSING PARTS

In response to the *NOTICE TO FILE MISSING PARTS OF APPLICATION* mailed May 1, 1998 (copy enclosed), Applicant submits the enclosed Declaration executed by him on June 5, 1998. The Commissioner is hereby authorized to charge to Deposit Account 02-2865, the \$130.00 fee required under 37 CFR 1.16(e).

*DATEX-OHM*

The Commissioner is requested to grant any necessary extension of time and is authorized by this response to charge any additional fees, if required, to our Deposit Account No. 02-2865. This request is submitted in triplicate.

The BOC Group, Inc.  
Patent, Trademark & Licensing Dept.  
100 Mountain Ave., Murray Hill  
New Providence, New Jersey 07974

Respectfully submitted,  
  
Roger M. Rathbun  
Regn. No. 24,964  
Attorney for Applicant(s)  
Tel: (908) 771-6477  
Fax: (908) 771-6159

Attachments:  
Original Declaration  
Copy of Form PTO-1533

---

CERTIFICATE OF MAILING (37 CFR 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington DC 20231.

Signature of Person Mailing Paper: J. Marsden  
Print Name of Person Mailing Paper: J. Marsden

Date: June 11, 1998

RECORDATION FORM COVER SHEET  
**PATENTS ONLY**

Dkt. 97A427

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Kathleen A. Bergeron Full

## 2. Name and address of receiving party(ies):

Name: Ohmeda Inc.

Internal Address: \_\_\_\_\_

Additional name(s) of conveying party(ies) attached?  Yes  No

## 3. Nature of conveyance:

 Assignment Merger Security Agreement Change of Name Other \_\_\_\_\_

Execution Date: June 4, 1998

Street Address: 110 Allen Road

City: Liberty Corner State: NJ ZIP: 07938

Additional name(s) & address(es) attached?  Yes  No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

## A. Patent Application No.(s)

Provisional Appln. 60/043,250  
filed 04/16/97

## B. Patent No.(s)

Additional numbers attached?  Yes  No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Roger M. Rathbun, Patent Counsel

Internal Address: The BOC Group, Inc.

## 6. Total number of applications and patents involved:

One

DATEX-OHM

7. Total fee (37 CFR 3.41): ..... \$ 40.00

 Enclosed Authorized to be charged to deposit account

8. Deposit account number: 02-2865

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Roger M. Rathbun, Regn. No. 24,964

Name of Person Signing

Signature incl.

6/8/98

Date

2

Total number of pages comprising cover sheet: 6

## PART B—ISSUE FEE TRANSMITTAL

Complete and mail this form, together with applicable fees, to: Box ISSUE FEE  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**MAILING INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE. Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Issue Fee Receipt, the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

21M1/0304

THE BOC GROUP INC  
PATENT TRADEMARK AND LICENSING DEPT  
100 MOUNTAIN AVE MURRAY HILL  
NEW PROVIDENCE NJ 07974

Note: The certificate of mailing below can only be used for domestic mailings of the Issue Fee Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing.

## Certificate of Mailing

I hereby certify that this Issue Fee Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above on the date indicated below.

J. Marsden

(Depositor's name)

*J. Marsden*

(Signature)

May 28, 1998

(Date)

APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
08/691,574	08/02/96	007	MCGRAW, V	2505 03/04/98
First Named Applicant	BECK,	KENT F.		

TITLE OF INVENTION RAMAN GAS ANALYSIS SYSTEM WITH CAVITY/BOSS ASSEMBLY FOR PRECISION OPTICAL ALIGNMENT

DATEX-04M

\$36.66

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEES DUE	DATE DUE
3 94A412-1	356-301.000	B27	UTILITY	NO	\$1320.00	06/04/98

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Use of PTO form(s) and Customer Number are recommended, but not required.	2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.
<input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.	1 <u>Roger M. Rathbun</u>
<input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47) attached.	2 _____
	3 _____
3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) <b>PLEASE NOTE:</b> Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the PTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.	4a. The following fees are enclosed (make check payable to Commissioner of Patents and Trademarks): <input type="checkbox"/> Issue Fee <input type="checkbox"/> Advance Order - # of Copies _____
(A) NAME OF ASSIGNEE Ohmeda Inc.	4b. The following fees or deficiency in these fees should be charged to: DEPOSIT ACCOUNT NUMBER <u>02-2865</u> (ENCLOSE AN EXTRA COPY OF THIS FORM)
(B) RESIDENCE: (CITY & STATE OR COUNTRY) Liberty Corner, New Jersey	<input checked="" type="checkbox"/> Issue Fee <input checked="" type="checkbox"/> Advance Order - # of Copies <u>10</u>
Please check the appropriate assignee category indicated below (will not be printed on the patent) <input checked="" type="checkbox"/> Individual <input checked="" type="checkbox"/> corporation or other private group entity <input type="checkbox"/> government	

The COMMISSIONER OF PATENTS AND TRADEMARKS IS requested to apply the Issue Fee to the application identified above.

(Authorized Signature)	(Date)
<i>[Signature]</i>	5/28/98

NOTE: The Issue Fee will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the Patent and Trademark Office.

**Burden Hour Statement:** This form is estimated to take 0.2 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND FEES AND THIS FORM TO: Box Issue Fee, Assistant Commissioner for Patents, Washington D.C. 20231

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.